



**Public Works
Storm Water Utility**

(1) Program Title: High Water Detection Alert System

(2) Division/Section: Tunnel Maintenance

(3) Program Element: (a) Mandate

(4) Statement of Purpose:

The High Water Detection System must be maintained to ensure operability during storm events. These systems use flashing lights to warn motorists of water over the road conditions in selected high profile areas of the City.

The system has an associated status board located at Station 1 to give advance notice to Public Works' dispatchers during a storm of locations of heavy rain and flooding streets so barricade trucks can be dispatched to appropriate parts of the City.

(5) Description of Actions (Statement of Services):

The high water detection system must be inspected monthly and necessary maintenance performed on the components of the system. This consists of replacing light bulbs, ensuring battery integrity, radio frequency operation and if necessary replacing systems that have been knocked down by vehicles.